

Fig.1



Fig.3

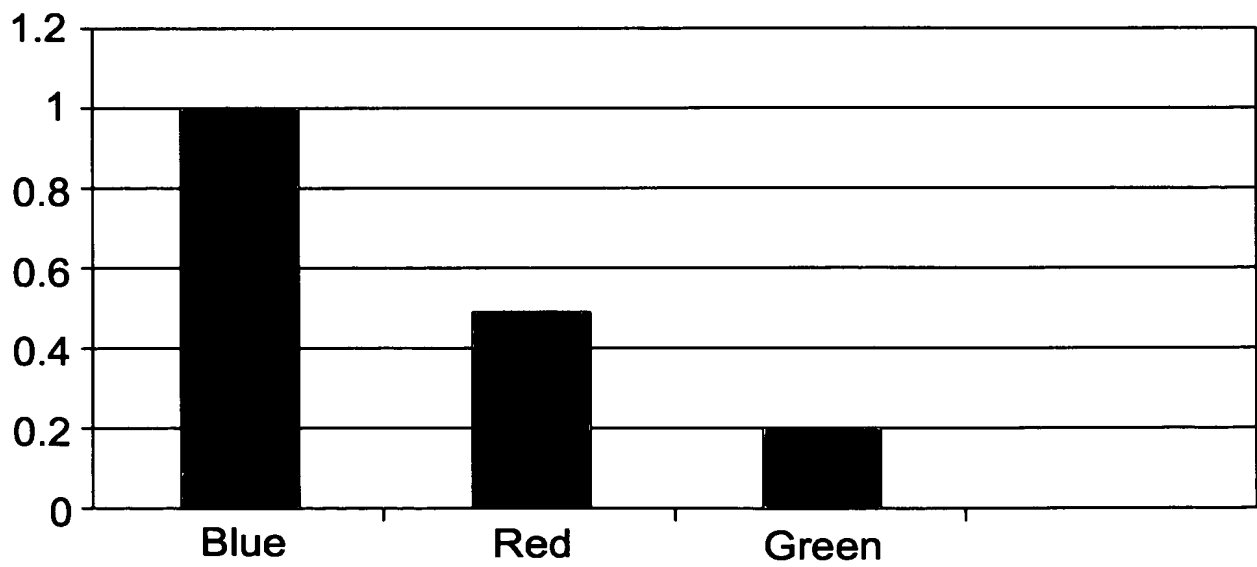
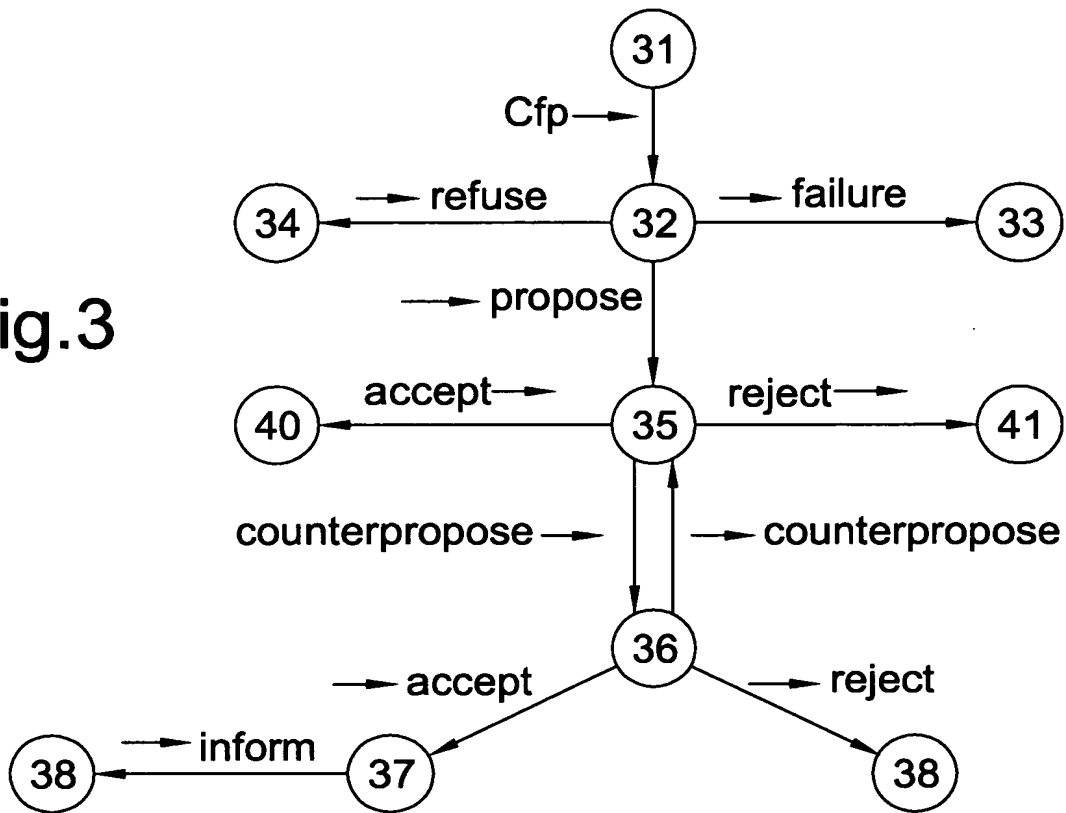


Fig.4

Diagram illustrating a one-to-many call for proposal (cfp) scenario. A single Buyer (A) sends a cfp to three Sellers (A). The arrows are labeled 1.cfp (x), 1.cfp (y), and 1.cfp (z). A legend indicates cfp: Call for proposal.

Supplier's bid based on responses received from a selection of customers and not individual bids.

b = best of

Fig.6

The diagram illustrates the double auction mechanism. On the left, three boxes labeled 'A' represent Buyers. On the right, three boxes labeled 'A' represent Sellers. In the center is a box labeled 'A' representing the Intermediary. The flow of messages is as follows:

- Buyers to Intermediary:**
 - 1. $cfp(x)$
 - 4. $propose(b(x,y,z))$
- Sellers to Intermediary:**
 - 2. $cfp(b(x,y,z))$
 - 3. $propose(x)$

The Intermediary then relays information back to the Buyers and Sellers:

- Intermediary to Buyers:**
 - 1. $cfp(y)$
 - 4. $propose(b(x,y,z))$
- Intermediary to Sellers:**
 - 2. $cfp(b(x,y,z))$
 - 3. $propose(y)$

The diagram shows the flow of messages between Buyers, an Intermediary, and Sellers. The Intermediary receives messages from both Buyers and Sellers and then relays information back to them.

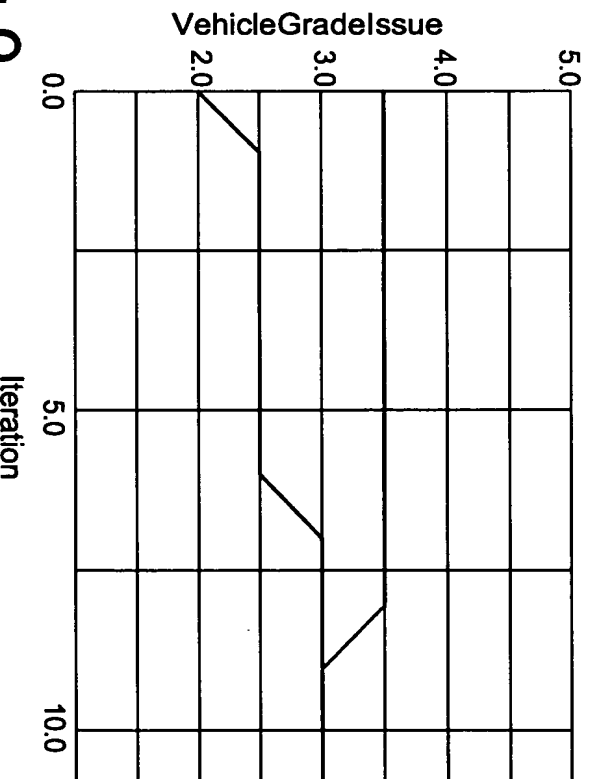
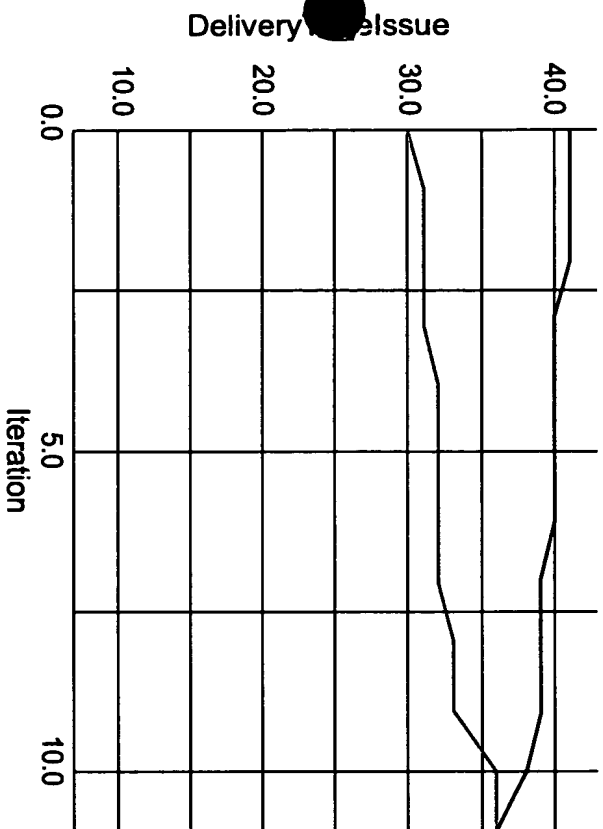
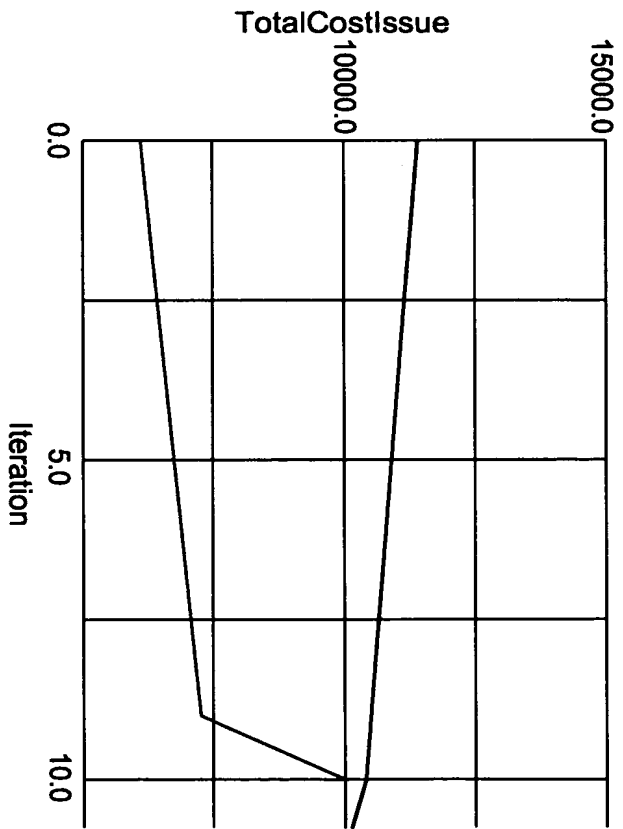
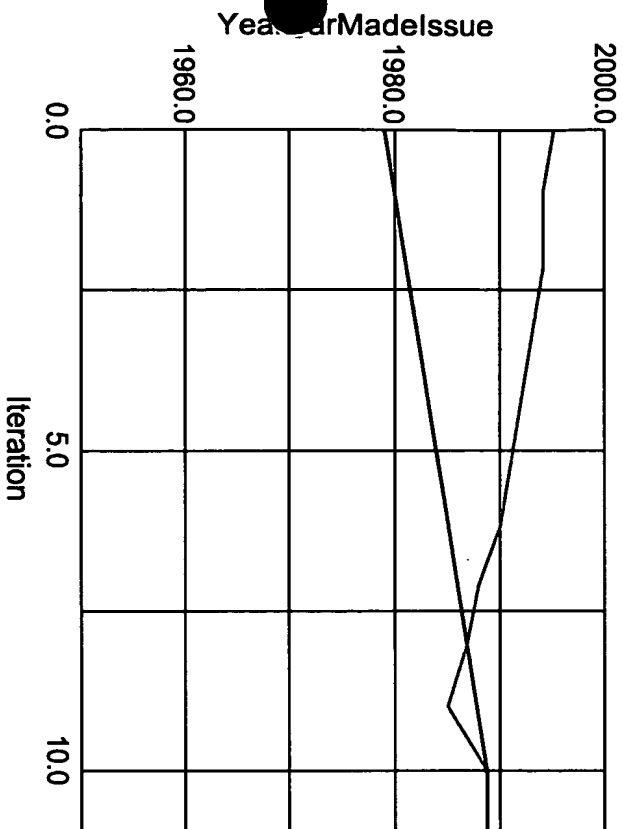


Fig.9

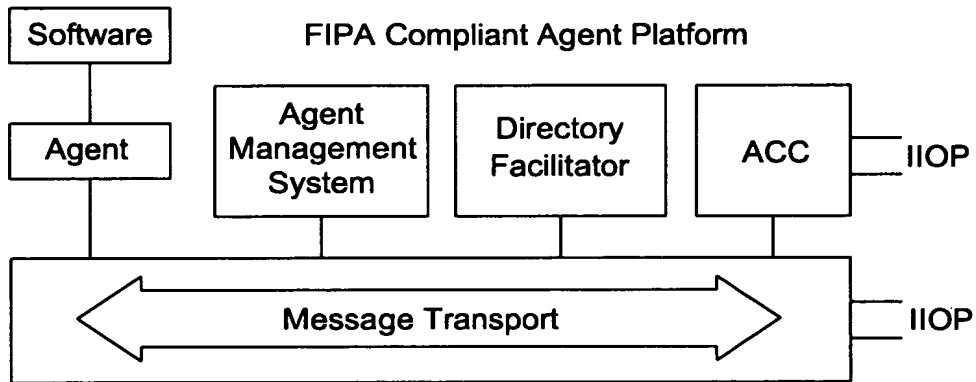


Fig.10

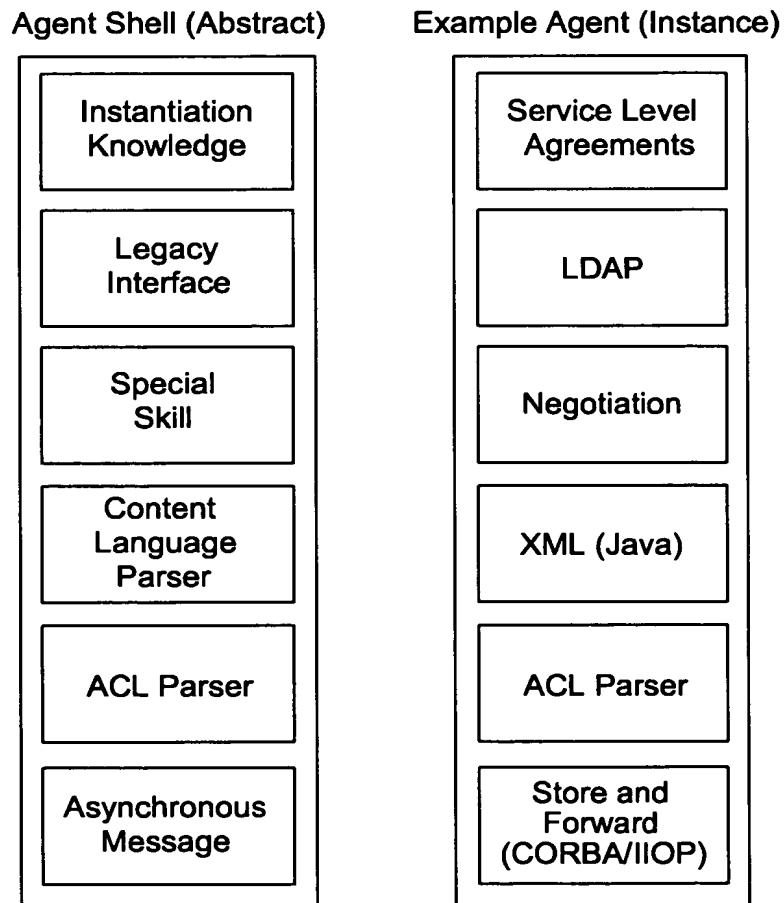


Fig.11

Fig.12